

### **Chapter 3.4    Water Quality Based Limited Sources – Category 4B and 5E Waters**

Waters, formerly called 303(d) Part II waters, are now categorized as either Category 4B or 5E. These are waters where modeling has determined that water quality-based discharge permit limits are necessary to maintain, or attain, Water Quality Standards in the receiving stream and those discharge facilities are under schedules of compliance to upgrade or expand their treatment processes. In such cases, Virginia Pollutant Discharge Elimination System (VPDES) permit effluent limitations need to be more stringent than technology-based requirements. TMDLs are not expected for 4B or 5E waters because attainment with Standards will be achieved through the VPDES permit issuance, re-issuance, or consent order processes.

Category 4B waters are those that are currently on schedule to meet standards. There are 57 Category 4B waters in the 2008 assessment. Category 5E waters are those where the compliance date will extend beyond the next assessment report release date (2010). A 5E water can occur, as one example, where a discharge facility cannot be modified and must be replaced. The construction schedule of such a facility might extend beyond 2010. There are 16 waters designated as 5E in the 2008 assessment.

In 2002, DEQ began making annual submittals to EPA requesting delisting of 4B (and 5E) waters that now meet Water Quality Standards and permit limits. EPA requires specific documentation for each water on the list. These water quality limited (4B and 5E) delistings are found in Chapter 3.4a.

# 2008 Water Quality Based Limited Sources - Category 4B and 5E Waters

VPDES Permit Number	Stream Name	Parameter	Outfall	Source	Cat	First Listing	Compliance Date	Details
<b>Potomac River &amp; Shenandoah River Basins</b>								
VA0089214	Duncan Run	Ammonia, Chlorides	001	Flying J Inc.	4B	2006	12/1/2008	12/1/08 Compliance Schedule for Ammonia
VA0020974	South Fork Catoctin Creek-UT	Copper	001	Hamilton, Town STP	4B	2002	11/29/2004	Initially based on permit compliance schedule. Final copper effluent limits have not yet been met. The facility plans to modify the STP to include a permanent chemical additional process, aimed at reducing copper concentrations. A Schedule of Compliance timetable is included in Appendix A of the Consent Special Order, dated 03/17/06.
VA0070106	Pine Hill Creek, UT	Copper, Zinc	001	Purkins Corner Wastewater Treatment Plant	4B	2004	1/24/2006	Initially based on permit compliance schedule. The facility's metal concentration limits will be evaluated during the next permit reissuance.
VA0026409	Monroe Bay	Chlorine, ammonia, TN, TP	001	Town of Colonial Beach STP	4B	2006	7/8/2009	7/8/2009 compliance schedule for chlorine, ammonia, total nitrogen, and total phosphorus
VA0067067	Shenandoah River X-Trib	Ammonia	001	Christendom College STP	4B	2002	1/10/2008	1/10/08 compliance schedule for ammonia
VA0085171	Roseville Run	Ammonia	001	Clarke County Sanitation Authority	5E	2006	7/1/2006	7/1/09 compliance schedule for ammonia
VA0071927	Hogue Creek UT	Ammonia-N	001	Frederick County Public Schools Indian Hollow Elementary School	5E	2006	11/1/2009	11/1/09 compliance schedule for Ammonia-N
VA0002178	S.F. Shenandoah River	TRC	001	Merck	5E	2008	1/1/2009	1/1/09 Compliance Schedule for TRC.
VA0020982	Meadow Brook	Ammonia, TSS	001	Middletown	4B	2006	10/10/2005	10/10/05 Compliance schedule for ammonia and TSS. CSO provides relief from permit based NH3-N limit. Compliance schedule allows for compliance for ammonia to be achieved by a later unspecified date. Facility is not compliant with limits. Under consent order to correct. Facility is being upgraded with a construction completion of 1/8/08.
VA0023281	West Strait Creek	Ammonia	001	Monterey STP	5E	1998	11/30/2004	Consent Order with compliance by 11/30/04 with completion of I & I work. Town to monitor until 11/30/05 to determine if limits can be met.. DEQ will re-evaluate VPDES permit limits at that time. The SWCB approved a consent order on 6/27/07 setting interim limits that must be met on or before 3/31/09.
VA0088994	War Branch	Ammonia	001	Roy Kircher, Mountain Valley KOA	5E	2006	9/1/2009	9/1/09 compliance schedule for ammonia
VA0088811	Crooked Run UT	Ammonia	001	Sandy's Mobile Home Community LLC	4B	2006	12/1/2008	12/1/08 Compliance schedule for ammonia
VA0090271	N.F. Shenandoah River UT	Ammonia	001	Sheetz Incorporated	4B	2006	10/6/2008	10/6/08 Compliance Schedule for ammonia

# 2008 Water Quality Based Limited Sources - Category 4B and 5E Waters

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VA0024422	East Hawksbill Creek UT	Ammonia	001	Shenandoah National Park	4B	2006	7/21/2007	7/21/07 Compliance schedule for ammonia. Facility claims to be in compliance, but first DMR verifying compliance has not been received by DEQ.
VA0090263	North Fork Shenandoah River	Tributyltin, CBOD5, Ammonia	001	SIL Cleanwater LLC	4B	2006	10/16/2008	10/16/08 Compliance Schedule for Tributyltin, CBOD5, Ammonia
VA0028037	South River UT	Total Recoverable Zinc	001	Skyline Swannanoa	4B	2006	6/25/2005	6/25/05 Compliance schedule for Total Recoverable Zinc. Facility cannot consistently meet the limits (10 vio out of 13 monthly measurements). Permit writer recommends leaving facility listed.
VA0090085	Cooks Creek	TSS	001	Town of Dayton	4B	2006	1/15/2008	1/15/08 Compliance schedule for TSS
<b>James River Basin</b>								
VA0020257	South Fork Appomattox River	Zinc	001	Appomattox Water Reclamation Facility - SBR	4B	2006	10/1/2008	
VA0090972	Cedar Creek, U.T.	TRC, CBOD5, DO, Ammonia-N	001	Cedar Creek STP (formerly Bath County Trailer Park)	4B	2004	10/1/2004	Did not meet compliance schedule for TRC, new facility under construction, 12/31/06 compliance schedule. Facility is off-line, however, the lagoons have not been closed, facility remains listed until lagoons are closed and not potential for discharge.
VA0003026	James River	Whole Effluent Toxicity (WET)	003	Georgia-Pacific Corporation	4B	2006	6/30/2009	2008 Listing Basis: The water is the mixing zone for Georgia-Pacific Corporation (VA0003026). The permit contains a water quality based effluent limit for Whole Effluent Toxicity (WET) chronic. A schedule of compliance (6/30/2009) to meet the limit is in the permit.
VA0003492	Bailey Creek	Dissolved Oxygen	005	Hercules Aqualon, Inc.	4B	2006	10/31/2007	October 2007 compliance schedule for dissolved oxygen. It is currently met during the winter months, but must comply all year within 15 months of construction
VA0003492	Bailey Creek	Dissolved Oxygen	006	Hercules Aqualon, Inc.	4B	2006	10/31/2007	October 2007 compliance schedule for dissolved oxygen. It is currently met during the winter months, but must comply all year within 15 months of construction
VA0003492	Bailey Creek	Dissolved Oxygen	905	Hercules Aqualon, Inc.	4B	2006	10/31/2007	October 2007 compliance schedule for dissolved oxygen. It is currently met during the winter months, but must comply all year within 15 months of construction
VA0003492	Bailey Creek	Dissolved Oxygen	906	Hercules Aqualon, Inc.	4B	2006	10/31/2007	October 2007 compliance schedule for dissolved oxygen. It is currently met during the winter months, but must comply all year within 15 months of construction
VA0088960	Linkswiler Branch	Ammonia	001	Kerrs Creek STP (formerly Canaan Valley Estates STP)	4B	2002	4/3/2004	4/3/04 compliance schedule for ammonia - still violates in winter - has allowed permit to expire - permit writer recommends facility remain listed. New permit issued, however, facility has not been constructed.

# 2008 Water Quality Based Limited Sources - Category 4B and 5E Waters

VPDES Permit Number	Stream Name	Parameter	Outfall	Source	Cat	First Listing	Compliance Date	Details
VA0027910	Little River, UT	Ammonia, Total Kjeldahl Nitrogen	001	Manakin Farms	4B	2006	9/30/2007	compliance schedule for ammonia and TKN
VA0073156	Cabin Creek	Dissolved Oxygen	001	Millboro STP (formerly Millboro Industrial Park)	5E	2008	5/1/2011	5/1/11 Compliance schedule for dissolved oxygen.
VA0004677	Maury River	TRC, Ammonia	001	Mohawk Industries - Lee's Carpets	5E	2006	3/1/2009	3/1/09 Compliance schedule for TRC and Ammonia
VA0058734	Moore's Creek X-Trib	Ammonia, Benzene, BOD5, Toluene, Total Xylenes	001	Smiley's Fuel City formerly Circle K #5362	5E	2004	6/26/2004	6/26/04 compliance schedule for ammonia, BOD5, Benzene, Toluene, Total Xylenes , due to ownership change, parameters were not monitored. New permit with monitoring requirements has been issued and new compliance schedule of 8/1/09 for Naphthalene, Ethylbenzene, Total Xylenes and MTBE
VA0083135	Appomattox River	Copper	001	Town of Farmville WWTP	4B	2006	2/1/2009	
VA0031011	Pond Hollow	Nickel, Zinc, Copper	001	Wintergreen Mountain STP	4B	2002	12/31/2007	12/31/07 compliance schedule for zinc, nickel, copper
VA0027294	Whispering Creek, UT	Copper & Zinc	001	Buckingham County Water System/Dillwyn STP	4B	2004	4/1/2006	Copper and Zinc limits are not being consistently met since effective 4/1/2006. Permit reissued 6/12/07 with Copper and Zinc limits effective. Letter of Agreement term ended 7/15/07.
VA0006149	Beaverdam Creek	Total residual chlorine	001	James River Correctional Center	4B	2006	7/28/2008	7/28/2008 compliance schedule for total residual chlorine
VA0085979	Carroll Creek UT	Total Recoverable Copper	001	Keswick STP	5E	2006	2/1/2010	2/1/10 compliance schedule for total recoverable copper
VA0082988	Hunters Branch UT	Ammonia (Jun-Nov), Total Recoverable Copper, Total Recoverable Zinc	001	R.S. Glass Commercial Area STP	4B	2006	11/9/2008	11/9/08 Compliance schedule for Ammonia (Jun-Nov), Total Recoverable Copper, Total Recoverable Zinc
VA0055000	Beaver Creek Reservoir UT	Copper, Lead, Zinc	001	Rivanna Water and Sewer Authority	5E	2006	1/10/2009	1/10/09 Compliance schedule for Copper, Lead, Zinc
VA0055018	Totter Creek Reservoir	Zinc	001	Rivanna Water and Sewer Authority	5E	2006	3/8/2009	3/8/09 Compliance schedule for Zinc
VA0023418	Oliver Creek UT	Total Recoverable Copper	001	Virginia Department of Corrections	5E	2006	6/1/2009	6/1/09 schedule of compliance for total recoverable copper
VA0053082	Southern Branch Elizabeth River	Zinc	001	Amerada Hess Corp - Chesapeake Terminal	5E	2004	8/12/2006	Review DMRs 8/10/07 showed only discharge (quarterly reporting) exhibits exceedance, not show compliance.
VA0053813	Pescara Creek to Eastern Branch, Elizabeth R.	Copper, Zinc	004	Colonnas Shipyard, Inc	4B	2006	8/19/2008	
VA0004146	James River	Total Residual Chlorine	006	Dominion Virginia Power Chesterfield Power Station	4B	2006	12/10/2008	12/10/2008 compliance schedule for chlorine
VA0004146	James River	Total Residual Chlorine	007	Dominion Virginia Power Chesterfield Power Station	4B	2006	12/10/2008	12/10/2008 compliance schedule for chlorine
VA0004146	James River	Total Residual Chlorine	008	Dominion Virginia Power Chesterfield Power Station	4B	2006	12/10/2008	12/10/2008 compliance schedule for chlorine

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VA0004146	James River	Total Residual Chlorine	009	Dominion Virginia Power Chesterfield Power Station	4B	2006	12/10/2008	12/10/2008 compliance schedule for chlorine
VA0004146	James River	Total Residual Chlorine	010	Dominion Virginia Power Chesterfield Power Station	4B	2006	12/10/2008	12/10/2008 compliance schedule for chlorine
VA0004146	James River	Total Residual Chlorine	011	Dominion Virginia Power Chesterfield Power Station	4B	2006	12/10/2008	12/10/2008 compliance schedule for chlorine
VA0029165	Almond Creek, UT	Lead, Zinc	001	Kinder Morgan Operating LP A	4B	2002	5/1/2005	The permit was issued on 5/1/2001 with a compliance schedule for lead and zinc due 5/1/2005. The limit is in effect but they have been unable to sample to ensure compliance.
VA0029165	Almond Creek, UT	Lead, Zinc	001	Kinder Morgan Operating LP A	4B	2002	5/1/2010	The permit was previously issued on 5/1/2001 with a compliance schedule for lead and zinc due 5/1/2005. The limit was in effect but they were unable to sample to ensure compliance.  The permit was reissued in 2006 with a new compliance schedule for lead and zinc due to more stringent lead and zinc limits. The new compliance schedule is due 5/1/2010.
VA0073091	Eastern Branch, Elizabeth River	Copper, Zinc	001	Metro Machine Corporation	4B	2006	8/2/2008	
VA0004804	James River	Copper	003	Newport News Shipbuilding & Drydock	4B	2002	10/1/2009	Limit removed mod. 10/2/06,re-added 2007 reissue w/ 2 yr schedule.
VA0004804	James River	Zinc	003	Newport News Shipbuilding & Drydock	4B	2008	10/1/2011	
VA0004804	James River	Zinc	003	Newport News Shipbuilding & Drydock	4B	2008	10/1/2011	
VA0004804	James River	Zinc	005	Newport News Shipbuilding & Drydock	4B	2008	10/1/2011	
VA0004804	James River	Zinc	005	Newport News Shipbuilding & Drydock	4B	2008	10/1/2011	
VA0004804	James River	Ammonia	008	Newport News Shipbuilding & Drydock	4B	2008	10/1/2011	
VA0004804	James River	Zinc	009	Newport News Shipbuilding & Drydock	4B	2008	10/1/2011	
VA0004804	James River	Copper	011	Newport News Shipbuilding & Drydock	4B	2007	10/1/2009	Limit removed mod. 10/2/06,re-added 2007 reissue w/ 2 yr schedule.
VA0004804	James River	Copper	019	Newport News Shipbuilding & Drydock	4B	2002	10/1/2009	Limit removed mod. 10/2/06,re-added 2007 reissue w/ 2 yr schedule.
VA0004804	James River	Zinc	019	Newport News Shipbuilding & Drydock	4B	2008	10/1/2011	

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VA0004804	James River	Copper	026	Newport News Shipbuilding & Drydock	4B	2002	10/1/2009	Limit removed mod. 10/2/06,re-added 2007 reissue w/ 2 yr schedule.
VA0004804	James River	Copper	030	Newport News Shipbuilding & Drydock	4B	2002	10/1/2009	Limit removed mod. 10/2/06,re-added 2007 reissue w/ 2 yr schedule.
VA0004804	James River	Copper	037	Newport News Shipbuilding & Drydock	4B	2002	10/1/2009	Limit removed mod. 10/2/06,re-added 2007 reissue w/ 2 yr schedule.
VA0004804	James River	Zinc	037	Newport News Shipbuilding & Drydock	4B	2008	10/1/2011	
VA0004804	James River	Copper	038	Newport News Shipbuilding & Drydock	4B	2002	10/1/2009	Limit removed mod. 10/2/06,re-added 2007 reissue w/ 2 yr schedule.
VA0004804	James River	Zinc	038	Newport News Shipbuilding & Drydock	4B	2002	10/1/2011	
VA0004804	James River	Zinc	045	Newport News Shipbuilding & Drydock	4B	2008	10/1/2011	
VA0004804	James River	Copper, Zinc	049	Newport News Shipbuilding & Drydock	4B	2008	10/1/2011	
VA0004804	James River	Copper, Zinc	056	Newport News Shipbuilding & Drydock	4B	2008	10/1/2011	
VA0004804	James River	Copper	084	Newport News Shipbuilding & Drydock	4B	2008	10/1/2011	
VA0004804	James River	Zinc	094	Newport News Shipbuilding & Drydock	4B	2008	10/1/2011	
VA0004804	James River	Zinc	112	Newport News Shipbuilding & Drydock	4B	2008	10/1/2011	
VA0004804	James River	Copper, Zinc	119	Newport News Shipbuilding & Drydock	4B	2008	10/1/2011	
VA0004804	James River	Copper, Zinc	123	Newport News Shipbuilding & Drydock	4B	2008	10/1/2011	
VA0061646	Dark Swamp, UT	Ammonia, zinc	001	Town of Surry WWTP	4B	2006	1/7/2009	1/7/2009 compliance schedule for ammonia and total recoverable zinc
VA0061646	Dark Swamp, UT	Copper	001	Town of Surry WWTP	5E	2004	1/7/2009	2/1/04 compliance schedule for total recoverable copper. The limit is in effect and the facility has not been able to consistently meet the limits. The permit was reissued with more stringent copper limits with another compliance schedule due Jan 2009.
<b>Rappahannock River Basin</b>								
VA0089303	Carter's Creek	pH	001/901	Ampro Shipyard	5E	2004	4/30/2003	4/30/03 compliance schedule for pH. The limit is in effect but is being violated. Consent order pending.

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VPDES Permit Number	Stream Name	Parameter	Outfall	Source	Cat	First Listing	Compliance Date	Details
VA0089303	Carter's Creek	pH	007	Ampro Shipyard	5E	2004	4/30/2003	4/30/03 compliance schedule for pH. The limit is in effect but is currently being violated. Consent order pending.
VA0087718	Cabin Branch	Copper (WET), Zinc (WET)	001	D.O.C. Coffeewood Correctional Center	4B	2002	8/6/2003	An Executive Compliance Agreement, which covers the copper and zinc parameter, is still in place. The facility is involved in negotiations to connect to a neighboring wastewater treatment facility.
VA0023469	Garland's Millpond, UT	Ammonia, cadmium, silver, total nitrogen, total phosphorus	001	Haynesville Correctional Center	4B	2006	7/8/2009	7/8/2009 compliance schedule for ammonia, cadmium, silver, total nitrogen, and total phosphorus
VA0023469	Garland's Millpond, UT	Copper	001	Haynesville Correctional Center	5E	2002	5/3/2003	5/3/2003 compliance schedule for copper. The limits are in effect but are being violated. Under consent order.
VA0072729	Ruin Branch, Cat Point Creek	Copper Zinc	001	Montross - Westmoreland WWTP	4B	2006	11/19/2008	11/19/2008 compliance schedule for total recoverable copper and total recoverable zinc
VA0086789	Muddy Creek- UT	Copper	001	Oakland Park Sewage Treatment Plant	4B	2004	4/21/2006	Initially based on permit compliance schedule. The facility had been meeting the copper permit limits, but recently began to exceed those limits.
VA0021385	Rapidan River	Copper	001	Orange, Town STP	4B	2002	12/31/2010	Initially based on permit compliance schedule. The facility is now under a Consent Special Order for the copper parameter.
VA0029343	Carters Creek	Ammonia	001	The Tides Golf Lodge	4B	2006	10/5/2009	10/5/2009 compliance schedule for chlorine
<b>Roanoke/Yadkin River Basins</b>								
VA0023515	Mattox Creek, UT	Ammonia (NH3-N)	001	Blue Ridge Regional Jail Authority - Moneta Adult Detention Facility STP	4B	2006	9/14/2007	2008 Listing Basis: The water is the mixing zone for the Blue Ridge Regional Jail Authority - Moneta Adult Detention Facility STP (VA0023515). A schedule of compliance (9/14/2007) to meet the limit is in the permit. The facility has ceased discharge but completion of a Facility Closure Plan has not been achieved. The facility remains 303(d) Listed for this reason.
VA0026247	Coleman Creek	Tributyltin & Copper	001	Boydton WWTP	4B	2004	3/1/2011	Tributyltin determined present in required WQS monitoring. Copper limit reduced during permit reissuance.
VA0084069	Kerr Reservoir	Chronic WET	001	Dominion - Mecklenburg Power Station	4B	2008	1/1/2009	Formerly Mecklenburg Cogeneration Facility
VA0084433	Twittys Creek	Copper	001	Drakes Branch STP	5E	2002	2/9/2005	Proposed draft order to be presented in December 2007.
VA0029254	Storey Creek	Nickel (Ni), Zinc (Zn)	001	Ferrum Water and Sewage Authority - Ferrum STP	4B	2006	1/25/2008	2008 Listing Basis: The water is the mixing zone for the Ferrum Water and Sewage Authority - Ferrum STP (VA0029254). A schedule of compliance (1/25/2008) to meet the limit is in the permit. The facility remains 303(d) Listed as compliance with the final nickel (Ni) and zinc (Zn) effluent limitations has not been met.

# 2008 Water Quality Based Limited Sources - Category 4B and 5E Waters

VPDES Permit Number	Stream Name	Parameter	Outfall	Source	Cat	First Listing	Compliance Date	Details
VA0021768	UT, Dockery Creek	Chlorides	001	Mecklenburg County Schools - Parkview High School	4B	2006	5/30/2007	Chlorides limit a result of the special standard (s - Chlorides not to exceed 40 mg/L at any time). This standard was intended for a facility that was never built on Dockery Creek in Mecklenburg County. The special standard is on a list of revisions needed for the next triennial review. The amendments are to be final early 2008.
VA0021849	UT, Dockery Creek	Chlorides	001	Mecklenburg County Schools - Parkview Middle School	4B	2006	5/30/2007	Chlorides limit a result of the special standard (s - Chlorides not to exceed 40 mg/L at any time). This standard was intended for a facility that was never built on Dockery Creek in Mecklenburg County. The special standard is on a list of revisions needed for the next triennial review.
VA0083097	Roanoke (Staunton) River	Manganese	009	Old Dominion Electric Cooperative Clover	4B	2006	1/1/2010	Background Manganese data from the Roanoke (Staunton) River indicated a need for the existing Manganese limit and compliance schedule. DEQ and VDH are evaluating the current Manganese standard, a secondary drinking water standard. An amendment is currently included in the WQS triennial review to change the WQ criterion for PWS from 'Total' Mn to 'Dissolved' Mn.
VA0062316	Lick Branch	Ammonia	001	Pine Grove STP	5E	1998	6/18/2004	Consent Order issued 6/18/03 - periodic violations of ammonia limit
VA0027693	UT, Stewart Creek	Ammonia	001	Pittsylvania County Schools - Tunstall High School	4B	2006	8/25/2007	
VA0022730	Bradley Creek, UT	Ammonia	001	Sydnor Jennings Elementary School	4B	2008	8/1/2010	
VA0068543	Molleys Creek	Ammonia	001	Thousand Trails Lynchburg Perseve	4B	2006	4/1/2009	
VA0020249	Caldwells Creek	Copper	001	Town of Appomattox STP - Trickling Filter	5E	2002	9/20/2003	Interim limits and Consent Order to be drafted for facility 2007-2008.
VA0001465	Falling Creek	Whole Effluent Toxicity (WET), Copper (Cu)	001	Western Virginia Water Authority - Falling Creek Water Filtration Plant	4B	2006	8/28/2008	2008 Listing Basis: The water is the mixing zone for the Western Virginia Water Authority - Falling Creek WTP (VA0001465). The permit contains a water quality based effluent limit for Whole Effluent Toxicity (WET) chronic and total recoverable copper (Cu). A schedule of compliance (8/28/2008) to meet the limit is in the permit. The facility remains 303(d) Listed as achievement of the final effluent limitations has not been made.
<b>Chowan River and Dismal Swamp Basins</b>								
VA0061859	Nottoway River	Ammonia	001	Courtland and Environs WWTP	4B	2006	7/30/2009	
VA0023922	Blackwater River	Copper, Silver	001	Franklin STP	4B	2006	7/1/2008	



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<b>Tennessee/Big Sandy River Basins</b>								
VA0065854	Lick Creek, UT	Ammonia	001			2002	9/30/2005	The facility has a compliance schedule to meet ammonia limits as of September 2005. The facility is not discharging because the building is unoccupied at this time. Due to the no discharge status of the facility we can not verify compliance with ammonia limits. It will stay on the TMDL list.
VA0026506	Big Moccasin Creek	Ammonia	001			1998	9/22/1998	As of Jan. 2001 it has a consent order to achieve compliance. The construction of new lines to convey the plant flows to Holston Regional STP is anticipated in the fall of 2005. The owner by consent order will close this STP when the connection is completed and all sewage will be conveyed to Holston Regional WWTP at that time.
<b>Chesapeake Bay/Atlantic/Small Coastal Basins</b>								
VA0078778	Beaverdam Swamp	Chlorine	001	Gloucester County WWTP	4B	2006	11/22/2009	11/22/2009 compliance schedule for chlorine
VA0020788	Indian Creek, UT	Copper, Zinc	001	Kilmarnock WWTP	5E	2002	6/7/2003	6/7/2003 compliance schedule for copper and zinc. The limits are in effect but are currently being violated. Under consent order. Facility currently plans to meet limits in 3/2008.
VA0024457	UT-Little Mosquito Creek	Copper	001	NASA Wallops Flight Facility WWTP	4B	2006	8/23/2008	
VA0057541	UT to Brick Kiln Creek	Copper, Zinc	001	Praxair, Inc.	4B	2007	1/5/2011	
VA0028461	Dragon Swamp, UT	Ammonia	001	Rappahannock Community College	4B	2006	8/3/2006	2/3/2008 compliance schedule for Ammonia
VA0003867	Cockrell Creek	Ammonia, Cyanide	001	Zapata Protein	5E	1998	12/17/2001	The facility had a compliance schedule for ammonia and cyanide. The limit is in effect but is currently being violated. The facility is under a consent order and permit action is pending.
VA0003867	Cockrell Creek	Fecal coliform, enterococci	002	Zapata Protein	4B	2006	12/2/2009	4 year compliance schedule for fecal coliform and enterococci due 12/2/2009
VA0003867	Cockrell Creek	Total phosphorus	002	Zapata Protein	4B	2006	12/2/2008	3 year compliance schedule for Total Phosphorus due 12/2/2008
VA0003867	Chesapeake Bay	Total phosphorus	003	Zapata Protein	4B	2006	12/2/2008	3 year compliance schedule for total phosphorus due 12/2/2008
VA0003867	Cockrell Creek	Copper, silver	995	Zapata Protein	4B	2006	12/2/2009	4 year compliance schedule for copper and silver due 12/2/2009

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VPDES Permit Number	Stream Name	Parameter	Outfall	Source	Cat	First Listing	Compliance Date	Details
<b>York River Basin</b>								
VA0052906	North Anna River, UT	Total Residual Chlorine	001	Doswell All-American Travel Plaza	4B	2006	2/20/2010	2/20/2010 compliance schedule for chlorine
VA0060887	South River-UT	Copper, Zinc	001	Land' Or Utility Co. Inc.	4B	2002	12/20/2005	Initially based on permit compliance schedule. An Amendment to a Consent Special Order is applicable until the facility completes upgrades.
VA0070572	Mechumps Creek	Copper, Zinc, Ammonia, WET	001	Truckstops of America BP	5E	2002	2/1/2004	2/1/2004 compliance schedule for total recoverable copper, total recoverable zinc, ammonia, and whole effluent toxicity (WET). The Zn, and WET limits are in effect, but the facility has been unable to meet the limits and is pumping and hauling to achieve compliance. New compliance schedules for ammonia, copper, etc. were included at permit reissuance.
<b>New River Basin</b>								
VA0000281	Peak Creek	Zinc (Zn)	001	Magnox Pulaski, Inc.	4B	2006	7/9/2008	2008 Listing Basis: The water is the mixing zone for Magnox Pulaski, Inc. (VA0000281). The permit contains a water quality based effluent limit for total recoverable zinc (Zn). A schedule of compliance (7/9/2008) to meet the limit is in the permit. Compliance with the final effluent limitation has not been achieved.
VA0000248	New River	Whole Effluent Toxicity (WET)	006	US Army & Alliant Ammunition and Powder Co. L.L.C. - Radford Army Ammunition Plant	4B	2006	6/10/2009	2008 Listing Basis: The water is the mixing zone for the US Army & Alliant Ammunition and Powder Co. L.L.C - Radford Army Ammunition Plant (VA0000248). The permit contains a water quality based Whole Effluent Toxicity (WET) acute limit for outfall 006. A schedule of compliance (6/10/2009) to meet the limit is in the permit.
VA0000248	New River	Whole Effluent Toxicity (WET)	007	US Army & Alliant Ammunition and Powder Co. L.L.C. - Radford Army Ammunition Plant	4B	2006	6/10/2009	2008 Listing Basis: The water is the mixing zone for the US Army & Alliant Ammunition and Powder Co. L.L.C - Radford Army Ammunition Plant (VA0000248). The permit contains a water quality based Whole Effluent Toxicity (WET) acute limit for outfall 007. A schedule of compliance (6/10/2009) to meet the limit is in the permit.